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*Admitted only in Maryland
*Admitted only in Virginia
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November 21, 2005

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PO Box 1450
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Art Unit 1648
Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Appl. No. 10/617,876; Filed: July 14, 2003
For: **Molecular Antigen Arrays**
Inventors: **Bachmann et al.**
Our Ref: 1700.0310001/BJD/SJE

Sir:

Transmitted herewith for appropriate action are the following documents:


1. Credit Card Payment Form (PTO-2038) in the amount of \$1,750.00 to cover:
\$1,525.00 Excess Claims Fee for Small Entity;
\$ 225.00 Two-Month Extension of Time Fee for Small Entity;
2. Fee Transmittal Form (PTO/SB/17);
3. Petition for Extension of Time Under 37 C.F.R. § 1.136(a);
4. Amendment and Reply Under 37 C.F.R. § 1.111;
5. Declaration of Martin F. Bachmann Under 37 C.F.R. § 1.132 with attached Figure A; and
6. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

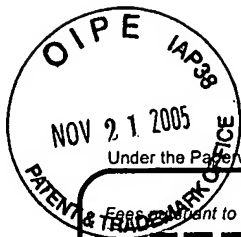
Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Simon J. Elliott, Ph.D.
Agent for Applicants
Registration No. 54,083

BJD/SJE/lam
Enclosures

456691.1



Equivalent to Form
PTO/SB/17 (12-04)

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Effective on 12/08/2004.

Fees subject to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,750.00

Complete if Known

Application Number 10/617,876
Filing Date July 14, 2003
First Named Inventor Martin F. Bachmann
Examiner Name Mosher, Mary
Art Unit 1648
Attorney Docket No. 1700.0310001/BJD/SJE

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent | 50 | 25 |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

Total Claims 112 - 20 or HP 59 = 53 x 25.00 = 1325.00
HP = highest number of total claims paid for, if greater than 20

Indep. Claims 10 - 3 or HP 8 = 2 x 100.00 = 200.00
HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = Extra Sheets / 50 = Number of each additional 50 or fraction thereof x Fee (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Two-Month Extension of Time Fee

Fees Paid (\$)

225.00

SUBMITTED BY

Signature [Signature] Registration No. 54,083 Telephone (202) 371-2600
Name (Print/Type) Simon J. Elliott, Ph.D. Date November 21, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.